

What is claimed is:

1. An apparatus for adjusting the time of analog watch in a terminal having the analog watch, comprising:

5 (a) an analog watch unit, comprising:

an oscillation circuit for generating a standard signal with a predetermined frequency;

a division circuit for dividing the standard signal by a predetermined division ratio according to a control signal and generating a divided signal;

10 a driving circuit for generating a driving signal according to the divided signal; and

a step motor driven by the driving signal, for moving the elements of the analog watch; and

15 (b) a control unit for providing the control signal to the division circuit of the analog watch unit when a predetermined time adjustment manipulation is inputted.

2. The apparatus as claimed in claim 1, wherein the division circuit divides the standard signal into one of a predetermined frequency of a general time indication mode and a predetermined frequency of a time adjustment mode according to the control signal.

20 3. The apparatus as claimed in claim 1, further comprising a time adjustment key for inputting the time adjustment manipulation.

25 4. The apparatus as claimed in claim 2 further comprising a time adjustment key for inputting the time adjustment manipulation.

5. The apparatus as claimed in claim 1, wherein the control unit checks a corresponding input state when the time adjustment manipulation is inputted, and controls an operational state of the driving circuit according to the checked input state.

6. The apparatus as claimed in claim 2 wherein the control unit checks a corresponding input state when the time adjustment manipulation is inputted, and controls an operational state of the driving circuit according to the checked input state.

5 7. An apparatus for adjusting the time of analog watch in a terminal having the analog watch, comprising:

 (a) a time adjustment driving signal generation unit comprising:

 a second oscillation circuit for generating a second standard signal with a predetermined frequency;

10 a second division circuit for dividing the second standard signal and generating a second divided signal; and

 a second driving circuit for generating a second driving signal according to the second divided signal;

 (b) an analog watch unit, comprising:

15 a first oscillation circuit for generating a first standard signal with a predetermined frequency;

 a first division circuit for dividing the first standard signal and generating a first divided signal;

20 a first driving circuit for generating a first driving signal according to the first divided signal;

 a switch for selectively outputting the first driving signal or the second driving signal according to a switching control signal; and

 a step motor driven by an output signal of the switch, for moving the elements of the analog watch; and

25 (c) a control unit for operating the time adjustment driving signal generation unit and outputting the switching control signal to the switch, when a predetermined time adjustment manipulation is inputted.

30 8. The terminal as claimed in claim 7, wherein the control unit further comprises a time adjustment key for inputting the time adjustment manipulation.

9. A method for adjusting the time of analog watch in a terminal having the analog watch, comprising the steps of:

checking an input state of a predetermined time adjustment key in a time adjustment mode; and

5 moving the hands of the analog watch faster than in a general time indication according to the input state of the time adjustment key.

10. The method as claimed in claim 9, wherein the input state is at least one of the number of times the time adjustment key is pressed and the duration of the press , and wherein
10 hands of the analog watch are moved according to one of a predetermined unit and continuously according to the input state.

11. A method for adjusting the time of analog watch in a terminal having the analog watch, comprising the steps of:

15 inputting a current time and a desired time in a time adjustment mode;

calculating a difference between the current time and the desired time; and

moving hands of the analog watch faster than in a general time mode to adjust the time corresponding to the calculated difference.

20 12. The method as claimed in claim 11, further comprising the step of generating clock pulses required to adjust the time based on the calculated difference.

13. The method as claimed in claim 11, further comprising the step of controlling a clock frequency for adjusting a moving speed of the hands of the analog watch based on the
25 calculated difference.